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In the specification:

Please amend the paragraph beginning at page 1, line 1 as follows:

Please insert the following Title into the specification. No new matter has been added.

**ACTIVE INSTRUMENT FOR DETERMINING A POSITION IN NAVIGATION  
SYSTEMS FOR ASSISTING SURGICAL INTERVENTIONS**

Please insert the following Field of the Invention into the specification. No new matter has been added.

**TECHNICAL FIELD**

This invention relates to active instruments, and more particularly to solar-powered active instruments.

Please insert the following Background into the specification. No new matter has been added.

**BACKGROUND**

During surgical and examination procedures, the location of various instruments, such as probes and pointing devices, are superimposed onto a computer monitor that displays the relevant portion of the patient's body. A cable is used to connect the probe / pointing device to a navigation system that locates the device within the patient's body. Unfortunately, the use of a cable is inconvenient at best and complicates sterilization procedures.

Please insert the following Summary of Invention into the specification. No new matter has been added.

**SUMMARY**

According to an aspect of this invention, an untethered active instrument for determining a position in a navigation system that assists in surgical operations includes a power supply including one or more solar cells.

One or more of the following features may also be included. A buffer storage unit is interfaced with and buffers the power supply. The solar cells charge the buffer storage unit. The active instrument further includes one or more light sources, which are powered by the power

supply and allow for the determination of the position of the active instrument. A wireless communication device (e.g., an infrared interface for data transfer) is powered by the power supply and allows for communication between the active instrument and the navigation system. One or more light sources are powered by the power supply and allow for the determination of the position of the active instrument.

Please insert the following Description of Drawings into the specification. No new matter has been added.

#### **DESCRIPTION OF DRAWINGS**

FIG. 1 is a plan view of an active instrument for determining a position in a navigation system.

Like reference symbols in the various drawings indicate like elements.

Please insert the following section title just prior to the existing specification. No new matter has been added.

#### **DETAILED DESCRIPTION**